

A Scientific Discovery

Sounds That Cannot Be Heard Affect Living Organisms

We are all familiar with the effects produced by audible sound, but scientists are discovering how sound waves beyond those we can hear affect living organisms. For the average adult, when air is made to vibrate between 20 and 20,000 times per second, the result is interpreted as sound, but as the vibrations become more rapid, the sound gradually increases in pitch and finally becomes inaudible. When this point is reached, ordinary ear properties become apparent in the sound waves, one important difference being that they now possess considerably more energy than before.

This fact was noted some time ago at the Naval Laboratories at Toulon, where Professor Langevin showed that high-frequency vibrations could produce paralysis in fish. Professor Langevin is a well-known authority on ultra-sound waves, as these high-frequency vibrations are called, and has carried out much of his research work in discovering how to make use of these waves in signalling and telephoning under water.

Further investigations were carried out in the United States, and the first tangible results are reported in a recent work of three French scientists, MM. P. Blancet, H. Blancet, and A. Dagnon. These investigators found that when certain insects were subjected to high-frequency sound waves, of the order of 20,000 vibrations per second, the insects showed a marked state of action, which lasted only as long as the waves persisted.

If the treatment was continued for several minutes with stronger waves, the insect first became tense and then died. Frequent tests in this way were carefully examined and it was found that the muscular tissues were found to be badly torn and mutilated without any injury being apparent to the insect. It would seem that these vibrations have an extremely powerful effect on living bodies, and might be put to excellent use in certain types of therapeutic treatment. But a great amount of purely scientific research will have to be carried out before any probable curative properties can be discovered and applied.

Funnels Are Disappearing

Ocean Liner of Future Will Not Have Any

When oil was substituted for coal as the fuel for great ocean liners, many people pointed out that a wind-erm of smokestacks was necessary, that, since oil, properly fired, is smokeless. Nevertheless, marine architects continued to furnish oil-burners with smokestacks, on the theory that the travelling public demands them. To the voyager, they claim, a ship of smokestacks is a necessity.

But some use had to be made of the space inside the smokestacks, and it has been suggested for various purposes, from the storing of baggage to kennels for dogs. It is now announced that the new luxury liner *Oceanic*, which is to be put into service between England and Australia, has only one funnel despite its size; it is to be used to advertise smoking spaces instead of smokestacks. The funnel is for ventilating purposes.

It took a little time for the dashboard and whip-socket to disappear from the early motor car, which, in the opinion of the first designers, had to look as much like a buggy as possible. Eventually the ocean liner without funnels will become such a customary sight that four-funnel ships like the *Mauretania* will look mid-Victorian.—Detroit News.

Problem Of Glutted Markets

Canada Supports Inquiry Before League Of Nations

Canada warmly supported the Australian proposal for an inquiry by the League of Nations into the problem of glutted markets and, simultaneously, deficiency of food in certain countries. The proposal was backed by Britain on its appearance.

J. H. Woods of Calgary, head of the Canadian delegation to the league assembly, expressed keen appreciation in the technical committee of the assembly of the manner in which the proposal was submitted by Stanley Bruce, of Australia.

Cheer Enough

A colored gentleman who conducts a cartage business in a small way, presented to a new customer a bill for \$5.

The customer, who is a bit of a wag, said: "Stephen, you'll have to give me an itemized account. I won't pay this until you do."

Stephen retired in obvious confusion. Next day he was back again with a bill and reading: "To three comes and three goes at 60 cents a wheel.... \$5."

KING'S THIRD SON TO WED SCOTTISH PEER'S DAUGHTER



The King and Queen have announced the engagement of their son, the Duke of Gloucester, and Lady Alice Christlton Montagu-Douglas-Scott, daughter of the ancient and distinguished Scottish family of Ducleuch and four sons, will marry a bachelor. Lady Alice is 23 years old and very popular in the Mother Country. Above are pictures of the happy couple.

Old Georgian House

Historic Building Is Donated To Town Of Fort Qu'Appelle

There still stands at Fort Qu'Appelle, Sask., amidst a background of trees overlooking Echo lake, a wing of the old Georgian house known as "The Fort." This little building was a portion of the house occupied by the officer in charge, the late Archibald McDonald.

Before his retirement from the Hudson's Bay Company, Mr. McDonald purchased the original site, and later built in the adjacent grounds the home where his many friends were always welcome.

The historical relic has now been donated by his daughter, Miss Nora McDonald, resident at Vancouver, to the town of Fort Qu'Appelle. This is to be restored and equipped with such old furniture as is available much after the fashion of the Chateau de Ramazan, at Montreal.

Among other items of historical interest it will contain the original desk at which General Middleton wrote his despatches during the rebellion of 1885, while this was his headquarters.

This little building has attracted the attention of many tourists in the past, seeking places of interest, and the townspeople feel indebted to Miss McDonald for her gift, and hope that the restoration of the same may be accomplished without delay.

The Wrong Policy

National Prejudice Impossible On Basis Of National Interests Alone

By proofs that have staggered humanity, a policy of national selfishness is being exposed. And yet all the nations, without exception, are acting in the teeth of this precept of God, and preaching and practicing "economic nationalism." Let it be granted that nationality is a precious possession, and that "economic nationalism" may be a necessary phase in the development of freer and friendlier relationships. It remains true, however, that all attempts to achieve national prosperity on a basis of national selfishness—however subtle and ingenious the means employed—may be as much plunging the sand and beating the air. There is more sound political economy in the Golden Rule than in all the economic theories ever framed.—John Buchanan.

Doctor Was Wiser

Unique wisdom was displayed by a doctor who unable to understand a patient's given illness, and wishing to visit a cottage near Bracknell, Berks, England, addressed a sixpenny telegram to the cottage and then accompanied the messenger.

Indifferent Gossamer (to a very remote rough): "What the blazes do you want to keep consulting that infernal watch for?"

Coddie (scurily): "Paint a watch, mister. It's a compass!"

There are 32 million chief diseases. 14 of these could be wiped out entirely if existing medical knowledge concerning them were fully utilized.

That more than 120,000 trains run in a recent month averaged only 1.1 minutes late, is the boast of a railway in England. 2118

Danger Of Polluted Water

Poultry Yards Should Be Well Drained If Possible

Nothing is more dangerous to poultry than polluted water. Here is every common disease and parasite that attacks poultry can be transmitted very readily through the drinking water. Preventing the drinking of surface water by the flock is an important step in preventing disease. Just how to do this is a difficult problem to solve. Fortunately, the flock owner who has a well to open and sandy that water never stands on the lot, leaving the chickens to drink.

Also fortunate in wet seasons is the one with his poultry houses and yards situated on distinctly sloped ground. Often such slopes seem a tremendous handicap, but in prolonged wet weather they are sure to be appreciated.

But even on rolling land there are holes, wagon ruts, animal footprints and such, that can hold plenty of water to introduce everything from fly larvae to worms and coccidia.

On lands which are practically level, there is no alternative but, the use of spade and hoe, or even the plough, scraper and grader to make the yards safe for poultry.

Of course, the systematic working of the level yards into high strips separated by drainways is the ideal plan. It can be supplemented by the use of gravel in the more used portions of the yard, the danger of disease transmission through surface water will be greatly reduced.

Grows At High Altitude

The highest elevations at which a plant has been found is 38,000 feet, on Mount Everest. This plant is called Crucifer and has a pale pink flower. It had been thought that lichens and mosses would ascend higher elevations than flowering plants, but the lichens are not found above 17,000 feet.

Customer—You know that music stool you sold me.

Salesman—Yes.

Customer—Well, I've twisted and turned it in all directions but I can't get a single note out of it.

Supplies Querer Things

Quererest shop in the world is in London, where a majority of the customers are profound wags go in to ask for butterflied wing, legs of rabbits, samples of "the mouth organs of houseflies, or transfer sections of a hydra; and they get them.

If the velocity of a river is doubled, its power is to carry objects away is multiplied 64 times.

"AN OUNCE OF PREVENTION"

—Caption in the Brooklyn Daily Eagle

Superstitions Of The East

Many Trivial Fables Are Considered Unlucky In India

"Your baby is the ugliest I have ever seen—he is skinny, ungainly and altogether hideous." Say that to the mother of a bonny English baby and she will probably hit you over the head with a saucepan. But say that to an Indian mother and she will smile. You could have written a correspondence in the London Daily Mirror.

It is very unlucky, Indian women think, to praise a child. Such comments make the gods jealous, and they may visit some terrible revenge upon the baby.

So, if you want to please an Eastern mother you think up uncomplimentary remarks—and the ruler you are about the baby, the more popular you will be with the mother."

And another thing—you will never find an Indian woman expressing adoration of her baby, or thinking of grandiose names to call him. Such high-sounding names as Rex or Julius are unknown. The more a mother loves her child, the harder she will work to discover a name which will enable her offspring to outstep his father. Parting is a popular name for little Indian boys, while Rubrah, or Tagor (Damsara) are great favorites for girls.

An Indian housewife must burn pounds of butter every time she cooks on her fire. She is most unshy omen, and the only way to save off bad luck is by offering precious household produce. Before undertaking a journey, a master how short—an Indian family always consults an astrologer to discover the best time to leave home.

If the new says that eight in the morning is the luckiest hour, then at eight in the morning the family must leave—whether their train goes at mid-day or ten at night. Near many railway stations in India there is a waiting ground where the women flies spend the day waiting for their train after inconvenient forecasts.

As for introducing your husband and stating his name—An Eastern woman would rather die than do so. Never in all her life does an Indian wife speak her husband's name aloud. For it brings the work of heaven when referring to him she says "the father of my children," or she calls him simply "that man," or "my man."

Children wives—here's one for you. If you have a sister who has a baby, you wouldn't be allowed to fondle it in India. This is the reason. In the East women believe that children are jealous of those who have babies and if a child is touched by such a woman a spell is cast on the child.

If an Indian mother discovers a childless woman touching her baby she will immediately take the child away from her, and she will put a "ticka" mark on his forehead (this is a spot of red which wards off evil).

There are many Eastern superstitions connected with the moon too. An Indian girl must see the moon's reflection first in a bucket of water if she wishes to ward off bad luck.

Has Naval Business

New York Woman Opens Drug Store For Cats

Pioneer in a new field for women—or anyone else for that matter—Miss Doris Bryant operates a drug store for New York cats, believed to be the only establishment of its kind in the world to-day.

Modern cats, says Pharmacist Bryant, have grown so specialized in their own private matters medical, and the day-crystal ship over another.

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Power On Farm

Agricultural Engineer Tells How Water Can Be Prevented

Anyone who has taken the trouble to look up the results of experiments which have been made to ascertain the efficiency with which farm power is utilized knows that "water power" is a very little used source of energy. There is more or less available power. Mr. F. N. O. Krawich, an eminent agricultural engineer who has made a life-long study of the utilization of farm power, writes as follows:

"Field tests reveal the fact that proper hitching can add as much as 34 per cent. to the draft of a plough. Added to this is the fact that poor hitching is bound to result in such hitching. Poor hitching not only adds draft, which means added expense because of the increased fuel used, but jeopardizes the crop yield, which means a loss in output and consequently reduced income."

"Tests made to ascertain how the power required in ploughing is distributed among the various operations involved show that 50 per cent. of the draft is required to cut the furrow slice loose, 25 per cent. in the turning of the furrow. The important thing to be remembered is the fact that it is the job of cutting the furrow slice loose that takes the power. Also that it is the job of turning the furrow slice that takes the power. That wears first and most rapidly. Most ploughmen are left on the plough in the morning. They work property. Yet, long before a share reaches this stage it will become sufficiently dull to increase the draft very materially."

Singing Old Hymns

Key In The Gospel Tunes Of Long Ago

The Boston Transcript says the devil is getting too many hymns these days. No good new ones are being written.

"Many a man and woman going to church in the morning of life's day recall vivid childhood impressions of the fervor with which worshippers in meeting-houses used to sing the familiar hymns, especially when the tune was good. With what roars the grave men, with long heads and shaven upper lips lifted up their voices when singing Luther's 'Ein Feste Burg.' How ecstatically the women, in voluminous skirts with black bandeaux of hair drawn over their ears, dwelt upon the crescendo, the dying fall and the refrain of a hymn like Cowper's 'There Is A Fountain Filled With Blood.'"

"This hearty joy in the Gospel song is a sure way made to the fingers for the repression of worldlyness during the week. Their lives were made of the Gospel. They were emotionally starved. They might not go to the circus or to the theatre. They might not go to the dance. There was moral death in a mug of beer. The game of authors in winter, roasting in summer, and the sanctioned secular recreations.

"Does not this explain why the Sunday meeting-house services and the mid-week prayer meetings were crowded?"

Protection For Money Bag

If Stashed From Carrier Automobile Alarm Bells Continuously

Equipped with an electric bell and small batteries, a money bag now offered sounds an automatic alarm when snatched by a thief. The bag looks like an ordinary satchel, but on the underside of the handle is a trigger which is held in by the carrier. When the thief snatches the bag, the trigger is released and an electric circuit is broken which sets off a bell which rings continuously as the thief tries to escape, since the trigger cannot be pushed back into place without a key. The key is in the possession of the carrier.—Popular Science.

Had Their Worries

A travelling circus had arrived at a small village, and the local pump-carrier happened out to look things over. He found three circus hands sitting in dejected silence.

"What's wrong?" asked the village.

"The elephant is dead," was the reply.

"I'm sorry, but I'm glad to see you men thought so much of a dumb animal," the village continued.

"It ain't that," said the first of the men. "You see, we chapas has got to dig the hole to bury him.—C. N. Railways Magazine."

Science has not the probable safe concentration of benzene which a bucket of benzene would contain, below 100 parts per million.

Fifty-five miles of streets in the mouse borough of Westminster in London are still lighted by gas.

NEW MONARCH Medicine Hat OPENS TO-DAY THURSDAY

Big Musical Comedy

Dick Powell,
Ruby Keeler

IN
"Shipmates
For Ever"

Technicolor Special
Regular Kids

A. E. WARD, M. D.
L. M. C. C.
PHYSICIAN AND SURGEON
Office and Residence in
Lockwood Block Phone 297

KEETLEY JOHNSON
For Accident, Fire and
Sickness Insurance
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7th Street, Redcliff

M. HENDERSON
Agent of Marriage Licenses
THE INSURANCE
Collections attended to
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DR. E. L. McKEE
DENTIST
Phone 3545 Medicine Hat
Opposite Assiniboia H.

**Dry Cleaning
Done in Town.**
Get Your Old Clothes
Cleaned Up For Spring
We are Prepared to Dry
Clean and Press
SUITS, OVERCOATS
and PLAIN DRESSES
For \$1.25
Goods Called For and Delivered
GIVE US A TRIAL
LEUNG BROS.
Fourth St. Next Town Hall

GIGANTIC BEDDING SALE
Bed Springs, Mattresses, Bedding, Pillows, Etc.
\$17.50 for Splendid Bed, All Felt Mattress, Cable Springs.
\$11.95 for Drop Side Cable Couch & creosote covered mattress
\$7.95 for All Steel Cot, Folding Foot splendid all felt mattress
ALL FEATHER PILLOWS, Splendid, Ticking, each . . . 69c
COTTON FILLED COMFORTERS size 66 x 72 . . . \$1.79
RAYON BED SPIRALS 80 x 90, each . . . \$2.95
\$15.50 for Splendid INNER SPRING MATTRESS
J. J. MOORE & SON
Phone 2787 Near Medicine Hat Garage

Interesting Local Items

Mr. Caldwell, of Fort George
Alberta is at present in town
visiting his brother and Mrs.
Caldwell.

Mrs. W. Burke and children,
of Milo, Alta. are at present vi-
siting the former's sister Mrs. H.
McKay.

The Ladies Auxiliary to the
Legion will meet in the L.O.O.P.
hall on Tuesday, Nov. 12th at
2:30. Mrs. B. Horibert will be
the hostess.

Next Monday Nov. 11th Pe-
rennence Day will be observed
throughout Canada as a Na-
tional holiday, according to
act passed last March.

Premier Bernhart and Hon.
C. Ross, minister of lands and
forests, were elected by acclama-
tion in the bye-election at
Stokes-High River and At-
laska.

Born Tweeddale, the new
Governor General for Canada
arrived in Ottawa last Monday
and was welcomed by Premier
and his cabinet and the
former premier J. B. Bennett.

Redcliff residents will hear
Clifford Roberts speaking in the
L.O.O.P. hall Tuesday evening
Nov. 12th at 8 p.m. Subject
"Universal War Near." A special
invitation is extended to all.

Forty head of fine cattle pas-
sed through town yesterday on
the way to Medicine Hat. They
belonged to G. H. Wor-
who purchased them from the
Wesley Bros north of Bow.
He wrote and then G. H. Wor-
and they were being
delivered to his feed lots in the
city.

The Ladies Aid of Gordon
Memorial will hold their annual
sale of home cooking and
kitchen work in the school room
on Wednesday afternoon Nov.
14th. A competition for the
best article, either useful or
valuable, made out of an old fel-
hat will also be held. Afternoon
will be served.

Miss Cochran of Winnipeg,
who is on her way to the Pacific
coast, stopped here a few days
last week and was the
guest of Mr. E. L. Stone.

It is reported that about 2000
head of antelope have drifted
down this way as a result of
last week's storm. They are
said to be within a few miles of
town.

During the snow storm last
week ten head of cattle were
killed on the railroad track near
town. They lay on the tracks
for several days and had to be
removed with the storm.

Last Saturday evening Geo.
Pallantyne entertained his
school friends to a Halloween
party at his home. All attend-
ed in costumes suitable for the
occasion and thoroughly enjoy-
ed an evening of games, singing
and dancing. Carol Sellhorn
won the prize for the best girl's
costume and Annie Bolton for
the best girl's original costume.
Bob Pave won the boy's prize
and Gordon Newnam won the
prize for originality.

GENERAL MEETING OF LOCAL LEGION

A general meeting of the
local Legion will be held in the
club rooms on Sunday, Nov. 10
at 3 o'clock p.m. A full atten-
dance is desired as nomination
of officers for the coming year
will take place.

FOR SALE—A good milch cow
guaranteed to freshen in two
weeks. Apply to L. Cahoon.

IN LOVING MEMORY

of Mrs. Fred Jones, who died
November 2nd, 1931.
Gone dear wife and mother
Gone for ever;
Here no more with us thou art
Suddenly it came upon us
Wife and other dear ones
With thee to part.

We miss the sunshine of your
face,
Thy fond and earnest care,
For home is lack with it all.
We miss thee every day,
From husband and family
LOOK AT YOUR LABEL

Make Arrangements Now for your
ANTIFREEZE
We have both G. M. and PRESTONE
at \$3.95 per Gallon
One Gallon of Concentrate makes
Two Gallons of Antifreeze
BENY'S GARAGE, Medicine Hat

Leave your Order for
Christmas Cards
at The Review Office
We have a Beautiful Assortment, Suitable for all
your Friends and delivered in Fancy Boxes.
21 Cards and Envelopes for \$1.00
Call and see our Samples

**Sensible
Christmas Gifts
Are Now Arriving Daily
Call Early and make
Your Selections
A small deposit will hold any of
these appropriate goods
THE WICKS TRADING CO.**

Specials This Week-end

SWEAT SHIRTS \$1.25
with zipper or turtle neck in Blue, Black or Crimson, 32 to 38
BOYS' UNDERWEAR \$1.50
Watson's Combinations for boys: Good Weight for sturdy
boys. Size 6 to 24 years.
DOESKIN, Per Yard 40c
Warm Doeskin in plain and fancy, suitable for shirts and
windbreakers: full 36 in. wide
WOOL GLOVES 40c to 95c
Gloves and Mitts for all the family, Children and Ladies
KIMONAS \$2.95
Ladies' Kimonos in soft Eiderdown, Satin trim, assorted
colors. Small, Medium, Large
Visit Our Shoe Department
and get your cold weather needs in footwear. Stock complete

The LePage Store
Third St., Medicine Hat

**20% Discount
ON
All Winter Coats
Make Your Choice This Week at
BUTLER'S Medicine Hat**

Fur Coats Remodelled, Repaired, Relined
AT REASONABLE PRICES. OLD FURS MADE OVER
Fur Muffs to Match Your Fur Coat
We Buy, Sell and Exchange
Anything of Value
LEVINSON'S Phone 2180
314 S. Railway, Medicine Hat

Party Time is Near Now
Is Your Dress or Frock Presentable
at a House Party or even a Dance?
"A. E." are Expert Dress Doctors
We Clean Them Thoroughly and Remove
all Stains and even Change their Color too
Be Ready for that first Party Invitation
Leave Orders with A. McGIMPSEY For
Alberta Electric Cleaners and Dyers
Phone 3138 for Information Medicine Hat